

Estimates of Available Capacity and Waste Generation

Table 5 - Potential Shortfall Reflecting Additional Capacity Provided by a Possible Mt. Carberry Expansion and NCES Expansion

	Incinerators			Landfills				Total Available, Existing Capacity and Projected Shortfalls		
	I	J	K	L	M	N	O	P	Q	R
	Municipal Combustors ¹	Penacook W-T-E (net capacity) ²	Claremont W-T-E (net capacity) ³	Public Landfills ⁴	Turnkey LF ⁵	NCES LF ⁶	Mt. Carberry LF ⁷	Available Capacity ⁸	Remaining Capacity after 30% diversion ⁹	Remaining Capacity after 40% diversion ¹⁰
2003	26,019	209,875	22,000	138,000	1,107,000	120,000	120,000	1,742,894	505,298	505,298
2004	26,019	209,875	22,000	138,000	1,045,500	120,000	120,000	1,681,394	446,282	482,470
2005	26,019	209,875	22,000	138,000	1,045,500	130,000	120,000	1,691,394	459,162	532,379
2006	26,019	209,875	22,000	138,000	984,000	140,000	120,000	1,639,894	411,070	522,144
2007	26,019	209,875	22,000	138,000	984,000	140,000	120,000	1,639,894	417,807	564,633
2008	26,019	209,875	22,000	138,000	922,500	140,000	120,000	1,578,394	342,716	491,175
2009	26,019	209,875	22,000	138,000	922,500	140,000	120,000	1,578,394	329,125	479,217
2010	26,019	149,875	22,000	138,000	910,200	140,000	120,000	1,506,094	243,234	394,959
2011	26,019	149,875	22,000	138,000	910,200	140,000	120,000	1,506,094	230,450	383,711
2012	26,019	149,875	22,000	138,000	910,200	140,000	120,000	1,506,094	217,666	372,463
2013	26,019	149,875	22,000	138,000		140,000	120,000	595,894	-705,318	-548,985
2014	26,019	149,875	22,000	138,000		140,000	120,000	595,894	-778,881	-621,012
2015	26,019	149,875	22,000	138,000		140,000	120,000	595,894	-792,257	-632,852
2016		149,875	22,000	138,000		70,000	120,000	499,875	-900,630	-739,807
2017		149,875	22,000	138,000			120,000	429,875	-982,985	-820,743
2018		149,875	22,000	138,000			120,000	429,875	-995,340	-831,679
2019		149,875	22,000	138,000			120,000	429,875	-1,007,695	-842,615
2020		149,875	22,000	138,000			120,000	429,875	-1,020,050	-853,552
2021		149,875	22,000	138,000			120,000	429,875	-1,032,507	-864,578
2022		149,875	22,000	138,000			120,000	429,875	-1,044,965	-875,605
Totals	338,247	3,417,500	440,000	2,760,000	9,741,600	1,840,000	2,400,000	20,937,347	-5,657,819	-2,902,979

Notes for Table 5:

The implied precision of data is a result of the calculation process, and should not be viewed as an "absolute".

¹Tonnages of municipal combustors are set in the conditions of the air and WMD permits.

²The Penacook tonnages reflect recent modifications to the WMD permit (575 tpd). Ash will be managed in the Franklin Landfill until 2009. Thereafter, the ash must be deducted from Penacook's ca

³The Claremont incinerator currently provides disposal for about 44,000 tpy to New Hampshire customers. The net amount is adjusted for ash that does not have a dedicated disposal locat

⁴Includes the facilities for Lebanon (48,000 tpy), Nashua (80,000 tpy)and Conway (10,000 tpy

⁵The estimated Turnkey amounts reflect achievements in density compaction. Possible future development potential of the site is not include

⁶NCES tonnages include requested expansion potential for the site (known as Stage IV

⁷Mt. Carberry tonnages include requested expansion potential for the site and do not include mill waste

⁸Available capacity is the total amount of capacity provided by all facilities in the inventory